United States Patent [19]

Fritsch

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[54] **PANEL-MOUNTED CONTROL STATION HOUSING**

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[52] **U.S. Cl.** **361/391**; 174/48; 200/296; 220/3.8; 220/331; 248/27.1; 361/346

[58] **Field of Search** ..... 174/48, 58, 53, 65 R, 174/17 CT; 200/296; 220/3.8, 331, 329; 248/27.1; 361/346, 369, 370, 391

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[57] **ABSTRACT**

A molded cover control station having transverse upper and lower grooves spaced apart by a distance less than the vertical dimension of a panel opening has a resilient gasket positioned against a rear flange, the gasket having a resilient protrusion which is received within the lower groove. Insertion of the control station housing from the rear of the panel such that the lower edge of the panel opening engages the resilient protrusion within the lower groove enables the resilient protrusion to be compressed an amount sufficient to enable the upper end of the housing to be swung forwardly through the opening to align the upper groove with an upper edge of the panel opening. The resiliency of the protrusion within the lower groove biases the housing upwardly to effect engagement between the upper groove and upper edge of the panel opening, and a screw carried by the housing is turned inwardly to project into the lower groove just above the lower edge of the panel opening to bear the weight of the control station and prevent the protrusion from being compressed.

14 Claims, 6 Drawing Figures